

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016245.D
 Acq On : 27 May 2020 22:34
 Operator : SY/MD
 Sample : L2766-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE4Y6

Quant Time: May 28 06:53:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 06:30:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	90986	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	90136	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	41339	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25068	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.58	69	23719	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.13	63	37468	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.94	46	77290	53.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.64%
24) Chloroform-d	4.38	84	52698	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.06	65	28579	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.08	84	100342	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.10	67	32354	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.34	98	91758	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
45) trans-1,3-Dichloropropene-	7.65	79	10813	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
48) 2-Hexanone-d5	8.12	63	53144	45.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.00%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23184	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	31611	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

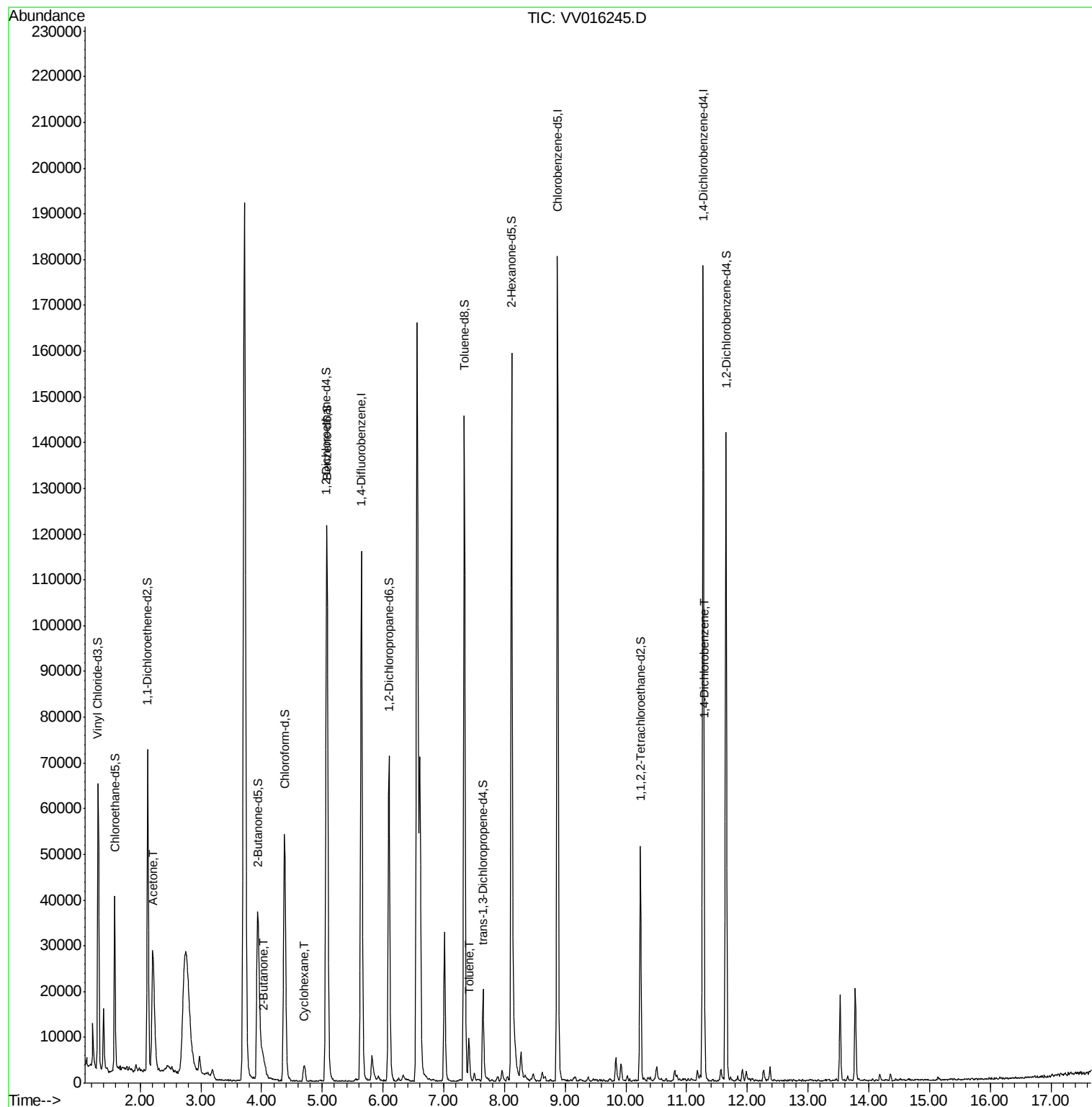
					Ovalue
13) Acetone	2.21	43	51882	57.824	ug/L 90
21) 2-Butanone	4.04	43	7641	4.787	ug/L 85
30) Cyclohexane	4.71	56	2013	0.176	ug/L # 64
42) Toluene	7.41	91	6301	0.223	ug/L 97
64) 1,4-Dichlorobenzene	11.30	146	3048	0.238	ug/L 94

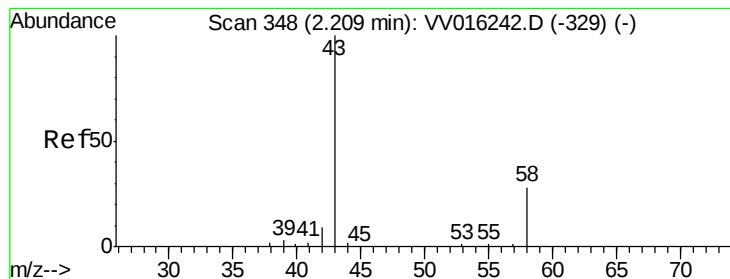
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 57.824 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

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Acq: 27 May 2020 22:34

Instrument :

MSVOA_V

ClientSampleId :

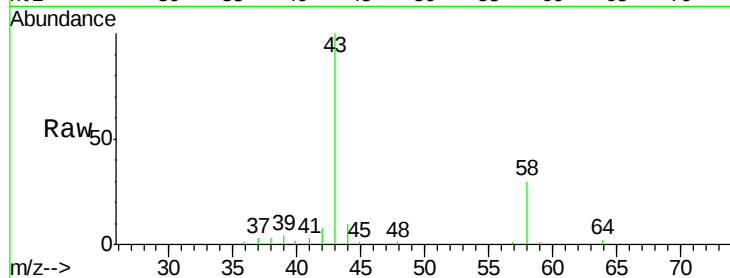
BE4Y6

Tot Ion: 43 Resp: 51882

Ion Ratio Lower Upper

43 100

58 29.3 0.0 48.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.21

15000

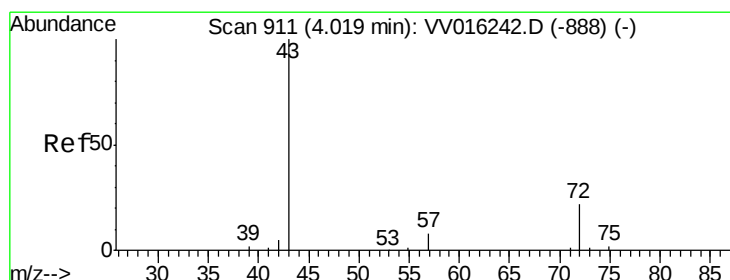
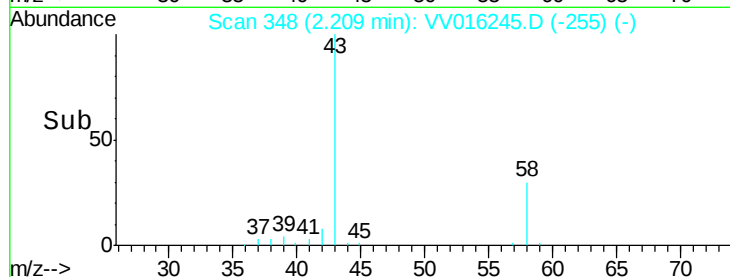
10000

5000

0

Time-->

2.10 2.20 2.30



#21

2-Butanone

Concen: 4.787 ug/L

RT: 4.04 min Scan# 916

Delta R.T. 0.02 min

Lab File: VV016245.D

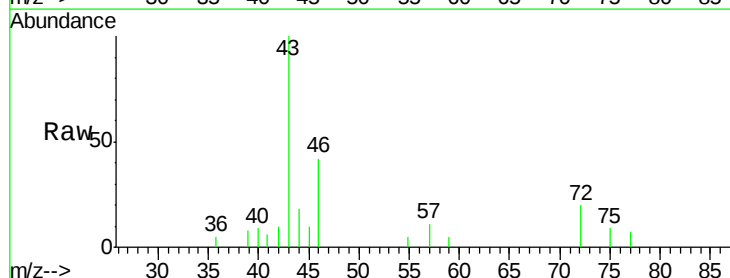
Acq: 27 May 2020 22:34

Tgt Ion: 43 Resp: 7641

Ion Ratio Lower Upper

43 100

72 12.6 9.7 28.9



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0

4.04

2500

2000

1500

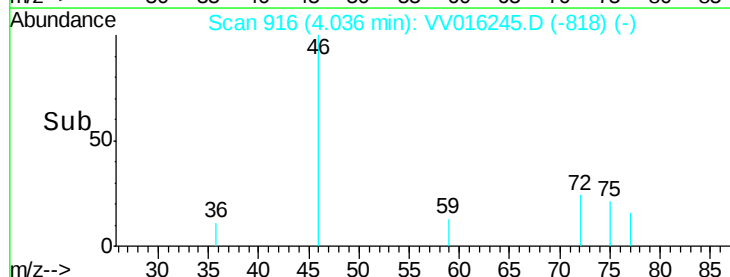
1000

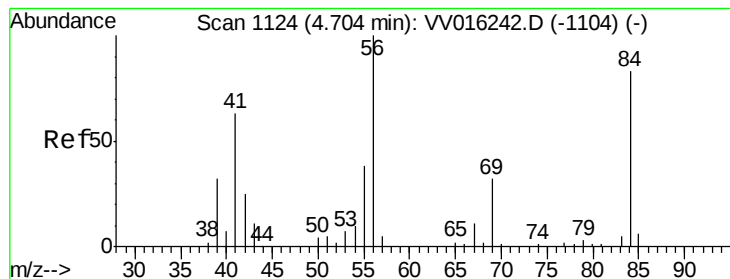
500

0

Time-->

3.90 4.00 4.10





#30

Cyclohexane

Concen: 0.176 ug/L

RT: 4.71 min Scan# 1125

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

BE4Y6

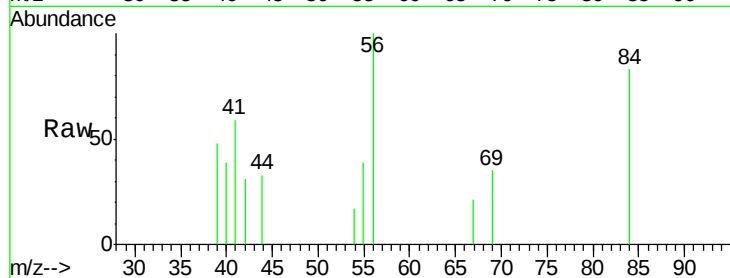
Tot Ion: 56 Resp: 2013

Ion Ratio Lower Upper

56 100

69 25.7 24.6 36.8

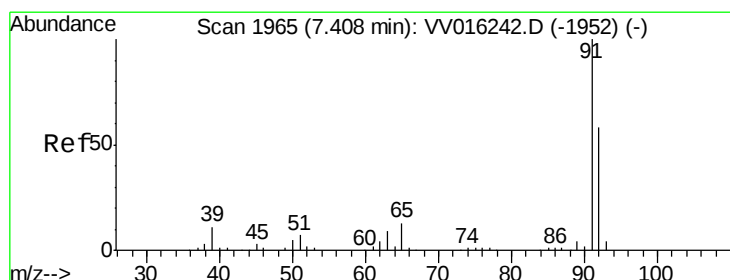
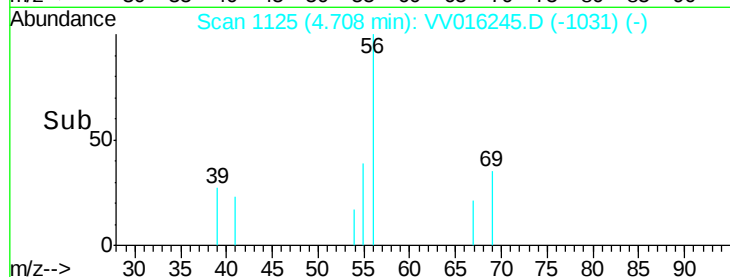
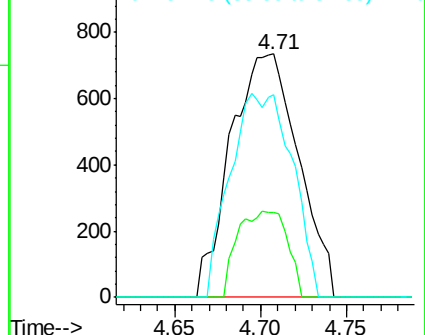
84 42.0 67.1 100.7#



Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0



#42

Toluene

Concen: 0.223 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016245.D

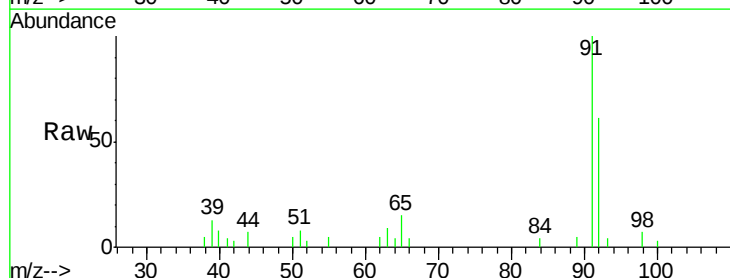
Acq: 27 May 2020 22:34

Tgt Ion: 91 Resp: 6301

Ion Ratio Lower Upper

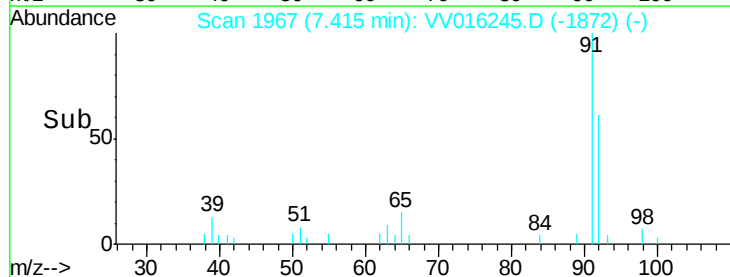
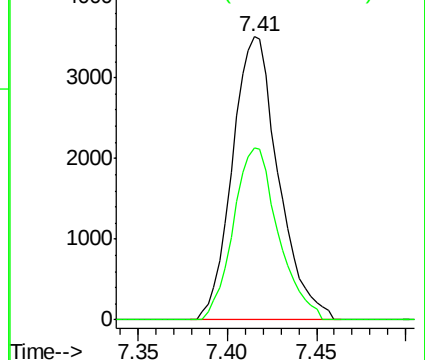
91 100

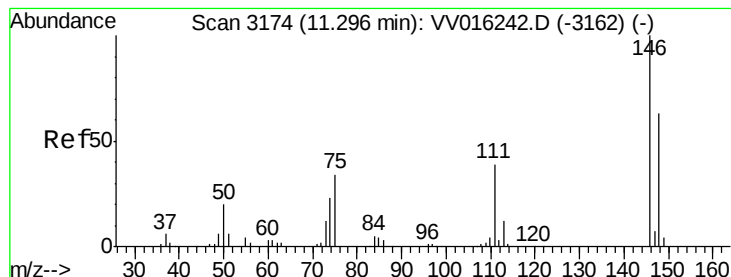
92 60.9 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#64

1,4-Dichlorobenzene

Concen: 0.238 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

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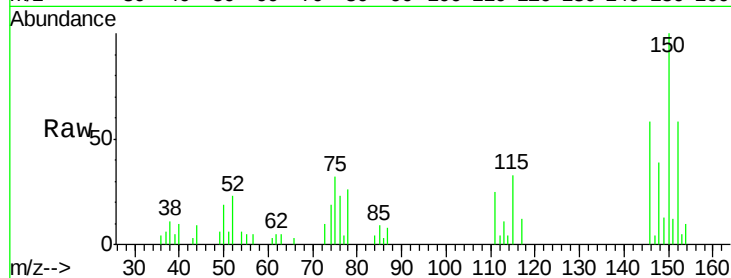
Tot Ion:146 Resp: 3048

Ion Ratio Lower Upper

146 100

111 43.5 28.3 52.7

148 66.6 43.3 80.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

